

Date Reported: Monday, January 6, 2020

Cell Line Sex: Male

Cell Line: 123456

Reason for Testing: Quality Control

Passage#: 28

Date of Sample: 1/1/2020

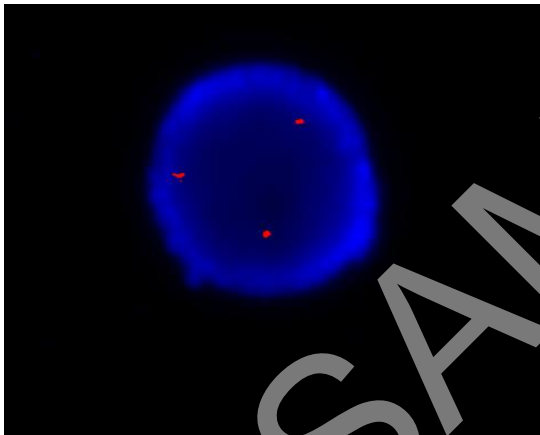
Investigator: WiCell

Specimen: Human iPSC

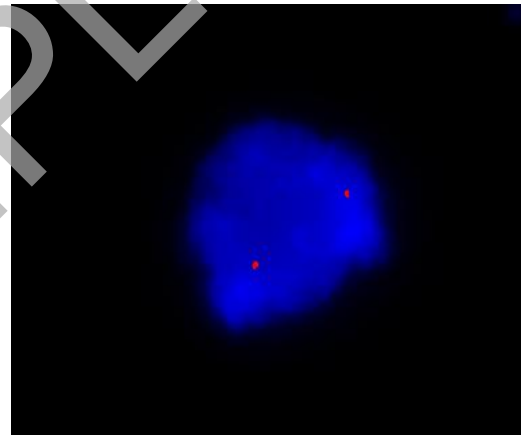
Results:

Probe	# cells with one signal	# cells with two signals	# cells with three signals	# cells with four signals	# cells with ≥five signals
12cen (R)	2 / 200 (1.0%)	165 / 200 (82.5%)	33 / 200 (16.5%)	0 / 200 (0.0%)	0 / 200 (0.0%)
Ref Range	3.0%	NA	4.0%	2.0%	2.0%
17cen (R)	3 / 200 (1.5%)	195 / 200 (97.5%)	2 / 200 (1.0%)	0 / 200 (0.0%)	0 / 200 (0.0%)
Ref Range	3.0%	NA	4.0%	2.0%	2.0%

Probe: 12cen(R)



Probe: 17cen(R)



Interpretation:

There is evidence for aneuploidy of chromosome 12. Three probe signals were observed in thirty-three (16.5%) of two hundred nuclei examined. There is no evidence for aneuploidy of chromosome 17.

The probes for this assay, CEP12 Spectrum Orange (30-170012, Abbott Molecular) and CEP17 Spectrum Orange (32-110017, Abbott Molecular) were validated in this laboratory using guidelines established by the American College of Medical Genetics, NCCLS, and described in Wiktor et al., Genetics in Medicine 89(1),16-23 (2006) and Wolff et al., Journal of Molecular Diagnostics 9(2),134-143 (2007). The WiCell Cytogenetics Laboratory has established and verified the assay's performance.

Completed by: Analyst name

Reviewed and Interpreted by: Director name

Date: _____ **Sent By:** _____ **Sent To:** _____ **QC Review By:** _____

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